

NOVEMBER/DECEMBER 2025

**FIM61/CIM61 — COMPUTER GRAPHICS
AND WEB DESIGNING**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Write down the disadvantages of Direct-View Storage Tubes systems.
2. Define Scaling.
3. Differentiate Window and Viewpoint.
4. What is meant by Viewing Transformation?
5. Define Parallel Projection.
6. State the use of Super-ellipsoid.
7. What is Java script?
8. Write the syntax to create an Array in Java Script.



9. List down the benefits of Cascading Style Sheets.
10. Differentiate between the ServletInput and OutputStreams.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.



11. (a) Illustrates the basic operation of a Cathode-Ray Tube.

Or

- (b) Narrate about the various Character Attributes.

12. (a) Discuss about the Principles of Viewing.

Or

- (b) Summarize about the significances of Clipping Operations.

13. (a) Briefly describe the Cubic Spline Interpolation Methods.

Or

- (b) Write short notes on Stereoscopic View.

14. (a) How do you create Table in HTML? Explain with an example.

Or

- (b) Create a simple Web Application to demonstrate various activities in your college.

15. (a) Enumerate the steps to deploy a Servlet.

Or

- (b) Briefly discuss the HTTP Session Object.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Expound the Mid-PointEllipse algorithm.
17. Discuss about the two dimensional Geometric Transformation in detail.
18. Elucidate the three dimensional display methods.
19. Exemplify the Functions available in JavaScript.
20. How to handling HTTP Request and Response in Servlet? Explain.